



PATENT  
Customer No. 22,852  
Attorney Docket No. 03495.0294-01000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Charles ROTH et al. ) Group Art Unit: Not Assigned  
Application No.: 10/807,466 ) Examiner: Not Assigned  
Filed: March 24, 2004 )  
For: MULTIDRUG RESISTANCE )  
PROTEINS IN DROSOPHILA AND )  
ANOPHELES )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine

that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 26, 2004

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## INFORMATION DISCLOSURE CITATION

Atty/Decket No.	03495.0294-01000	Appln. No.	10/807,466
Applicant	Charles ROTH et al.		
Filing Date	March 24, 2004	Group:	1653

## U.S. PATENT DOCUMENTS

Examiner Initial*		Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

		Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Borst et al.; A Family of Drug Transporters: the Multidrug Resistance-Associated Proteins; J. Nat'l Cancer Inst., Vol. 92(16) (August 2000), pgs. 1295-1302
	Dean et al.; The Human ATP-Binding Cassette (ABC) Transporter Superfamily; Cold Spring Harbor Laboratory Press; Vol. 11 (2002) pgs. 1156-1166
	Lu et al.; AtMRP1 Gene of <i>Arabidopsis</i> Encodes a Glutathione S-Conjugate Pump: Isolation and Functional Definition of a Plant ATP-binding Cassette Transporter Gene; PNAS Vol. 94 (July 1997) pgs. 8243-8248
	Morrow et al.; Combined Expression of Multidrug Resistance Protein (MRP) and Glutathione S-Transferase P1-1 (GSTP1-1) in MCF7 Cells and High Level Resistance to the Cytotoxicities of Ethacrynic Acid but Not Oxazaphosphorines or Cisplatin; Biochemical Pharmacology, Vol. 56 (1998) pgs. 1013-1022
	Morrow et al.; Coordinated Action of Glutathione S-Transferases (GSTs) and Multidrug Resistance Protein 1 (MRP1) in Antineoplastic Drug Detoxification; J. Biol. Chem.; Vol. 273(32) (August 1998) pgs. 20114-20120
	Ito et al.; Mutation of a Single Conserved Tryptophan in Multidrug Resistance Protein 1 (MRP1/ABCC1) Results in Loss of Drug Resistance and Selective Loss of Organic Anion Transport, J. Biol. Chem., Vol. 276(19) (May 2001) pgs. 15616-15624
	Zhang et al.; Identification of a Nonconserved Amino Acid Residue in Multidrug Resistance Protein 1 Important for Determining Substrate Specificity, J. Biol. Chem., Vol. 276(37) (September 2001) pgs. 34966-34974
	Roth et al.; Identification of the <i>Anopheles gambiae</i> ATP-binding Cassette Transporter Superfamily Genes; Mol. Cells, Vol. 15(2) (April 2003) pgs. 150-158
	Grailles et al.; The <i>Drosophila melanogaster</i> Multidrug-Resistance Protein 1 (MRP1) Homolog has a Novel Gene Structure Containing Two Variable Internal Exons; Gene 307 (2002) pgs. 41-50

Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce